



Certificate of Analysis

TNFR2 Protein, Human (HEK293, hFc)

Cat. No.:	HY-P72025
Batch No.:	251448
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P20333 (L23-D257)
Gene ID:	7133
Molecular Weight:	Approximately 68 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the TNF-alpha mediated cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED ₅₀ for this effect, in the presence of 0.25 ng/mL of TNF-alpha, is 0.0014 μg/mL corresponding to a specific activity is 7.143×10 ⁵ units/mg.	0.0014 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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